

Release notes for ENDF/B Development dec-013_A1.028
evaluation

ENDF
B-VII.dev

October 13, 2016

• fizcon Errors:

1. Energies released in decay not adding up!
MAT= 189, MF= 8, MT=457 (1): Bad energy sum

```
ERROR(S) FOUND IN MAT= 189, MF= 8, MT=457
TOTAL ENERGY RELEASE SUMUP FAILURE
WHOLE= 4.64230E+06 SUM= 4.64158E+06
```

2. Energies released in decay not adding up!
MAT= 189, MF= 8, MT=457 (2): Bad energy sum

```
ERROR(S) FOUND IN MAT= 189, MF= 8, MT=457
BETA MULTIPLICITY SUMUP FAILURE
WHOLE= 1.00000E+00 SUM= 9.99900E-01
```

3. Energies released in decay not adding up!
MAT= 189, MF= 8, MT=457 (3): Bad energy sum

```
ERROR(S) FOUND IN MAT= 189, MF= 8, MT=457
BETA AVERAGE ENERGY SUMUP FAILURE
WHOLE= 1.24167E+06 SUM= 1.23704E+06
```